S.
Brown

#14

1648

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/757,655A

DATE: 07/12/2002
TIME: 10:38:42

Input Set : A:\FUJII SEQUENCE LISTING.txt
Output Set: N:\CRF3\07122002\I757655A.raw

ENTERED

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 3 <110> APPLICANT: FUJII, Takeru
 4         YOKOYAMA, Hideakira
 5         HAMAMOTO, Hidetoshi
 7 <120> TITLE OF INVENTION: A PEPTIDE HAVING AN AFFINITY FOR gp120
 9 <130> FILE REFERENCE: 2001-0019A/LC/01732
11 <140> CURRENT APPLICATION NUMBER: 09/757,655A
12 <141> CURRENT FILING DATE: 2001-01-11
14 <150> PRIOR APPLICATION NUMBER: JP No. 2000-6182
15 <151> PRIOR FILING DATE: 2000-01-11
17 <160> NUMBER OF SEQ ID NOS: 19
19 <170> SOFTWARE: PatentIn Ver. 2.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 5
23 <212> TYPE: PRT
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
29 <220> FEATURE:
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W--> 30 <221> NAME/KEY: Residue
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31 <222> LOCATION: (1)
32 <223> OTHER INFORMATION: Xaa = Asp, Lys, Val, Glu, Gly, Asn or Tyr
34 <220> FEATURE:
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36 <222> LOCATION: (2)
37 <223> OTHER INFORMATION: Xaa = Val, Asp, Trp, Lys, Phe, Ile, Leu or Tyr
39 <220> FEATURE:
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W--> 40 <221> NAME/KEY: Residue
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41 <222> LOCATION: (3)
42 <223> OTHER INFORMATION: Xaa = Lys, Val, Asp, Arg, Ala or Trp
44 <220> FEATURE:
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47 <223> OTHER INFORMATION: Xaa = Ala, Trp or Gly
49 <220> FEATURE:
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52 <223> OTHER INFORMATION: Xaa = Gly, Ala, Val, Leu, Ile, Ser, Thr, Met, Asn, Gln, His,
Lys, Arg,
53         Phe, Trp, Pro or Tyr
55 <400> SEQUENCE: 1
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56 Xaa Xaa Xaa Xaa Xaa
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57  1           5
59 <210> SEQ ID NO: 2
60 <211> LENGTH: 5
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          67 <220> FEATURE:
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          70 <223> OTHER INFORMATION: Xaa = Asp, Lys, Val, Glu, Gly, Asn or Tyr, or polypeptide
 residue that an
          71       arbitrary amino acid stood in line in the N-terminal side from this amino acid
          73 <220> FEATURE:
W--> 74 <221> NAME/KEY: Residue
          75 <222> LOCATION: (2)
          76 <223> OTHER INFORMATION: Xaa = Val, Asp, Trp, Lys, Phe, Ile, Leu or Tyr
          78 <220> FEATURE:
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          80 <222> LOCATION: (3)
          81 <223> OTHER INFORMATION: Xaa = Lys, Val, Asp, Arg, Ala or Trp
          83 <220> FEATURE:
W--> 84 <221> NAME/KEY: Residue
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          86 <223> OTHER INFORMATION: Xaa = Ala, Trp or Gly
          88 <220> FEATURE:
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          91 <223> OTHER INFORMATION: Xaa = Gly, Ala, Val, Leu, Ile, Ser, Thr, Met, Asn, Gln, His,
 Lys, Arg,
          92       Phe, Trp, Pro or Tyr
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         114 <223> OTHER INFORMATION: Xaa = Val, Asp, Trp, Lys, Phe, Ile, Leu or Tyr
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         121 <220> FEATURE:
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    130      Phe, Trp, Pro or Tyr, or polypeptide residue that an arbitrary amino acid
    131      stood in line in the C-terminal side of this amino acid, H
    133 <400> SEQUENCE: 3
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    156 <220> FEATURE:
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    158 <222> LOCATION: (3)
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    161 <220> FEATURE:
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    165      Phe or Trp
    167 <220> FEATURE:
W-->168 <221> NAME/KEY: Residue
    169 <222> LOCATION: (5)
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    171      Phe, Tyr or Trp
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    180 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING   DATE: 07/12/2002
PATENT APPLICATION: US/09/757,655A   TIME: 10:38:42

Input Set : A:\FUJII SEQUENCE LISTING.txt
Output Set: N:\CRF3\07122002\I757655A.raw

W--> 186 <221> NAME/KEY: Residue
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residue that an
     189   arbitrary amino acid stood in the N-terminal side from this amino acid
     191 <220> FEATURE:
W--> 192 <221> NAME/KEY: Residue
     193 <222> LOCATION: (2)
     194 <223> OTHER INFORMATION: Xaa = Arg, Tyr, Trp, Ala, Val, Gln, His or Lys
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     205   Phe or Trp
     207 <220> FEATURE:
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     211   Phe, Tyr or Trp
     213 <400> SEQUENCE: 5
     214 Xaa Xaa Xaa Xaa Xaa
     215   1   5
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     218 <211> LENGTH: 5
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     244   Phe or Trp
     246 <220> FEATURE:

RAW SEQUENCE LISTING   DATE: 07/12/2002
PATENT APPLICATION: US/09/757,655A   TIME: 10:38:42

Input Set : A:\FUJII SEQUENCE LISTING.txt
Output Set: N:\CRF3\07122002\I757655A.raw

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     250   Phe, Tyr or Trp, or polypeptide residue that an arbitrary amino acid stood in line
     251   in the C-terminal side of this amino acid
     253 <400> SEQUENCE: 6
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     255   1   5
     257 <210> SEQ ID NO: 7
     258 <211> LENGTH: 7
     259 <212> TYPE: PRT
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     262 <220> FEATURE:
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     266 Gly Gly Asp Val Lys Ala Gly
     267   1   5
     269 <210> SEQ ID NO: 8
     270 <211> LENGTH: 6
     271 <212> TYPE: PRT
     272 <213> ORGANISM: Artificial Sequence
     274 <220> FEATURE:
     275 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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     279   1   5
     281 <210> SEQ ID NO: 9
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     283 <212> TYPE: PRT
     284 <213> ORGANISM: Artificial Sequence
     286 <220> FEATURE:
     287 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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     291   1   5
     293 <210> SEQ ID NO: 10
     294 <211> LENGTH: 6
     295 <212> TYPE: PRT
     296 <213> ORGANISM: Artificial Sequence
     298 <220> FEATURE:
     299 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic Peptide
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     306 <211> LENGTH: 6
     307 <212> TYPE: PRT
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     310 <220> FEATURE:

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/12/2002
PATENT APPLICATION: US/09/757,655A   TIME: 10:38:43

Input Set : A:\FUJII SEQUENCE LISTING.txt
Output Set: N:\CRF3\07122002\I757655A.raw

<u>Please Note:</u>
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5
Seq#:2; Xaa Pos. 1,2,3,4,5
Seq#:3; Xaa Pos. 1,2,3,4,5
Seq#:4; Xaa Pos. 1,2,3,4,5
Seq#:5; Xaa Pos. 1,2,3,4,5
Seq#:6; Xaa Pos. 1,2,3,4,5

<u>Invalid Line Length:</u>
The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:5; Line(s) 188
Seq#:6; Line(s) 250